

CLAIMS:

SUB A17

1. A method for calculating a measure, said method comprising:

receiving a request to calculated a measure, said  
5 measure associated with one or more requested levels;

determining at least one allocated level for the  
measure;

selecting a first star from a first stargroup  
associated with the measure, wherein the first star  
10 supports the at least one allocation level for the measure;  
and

selecting a second star from a second stargroup  
associated with a control measure, wherein the second star  
supports the one or more requested levels.

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2. The method of claim 1, wherein determining at  
least one allocated level further comprises:

comparing the requested levels to a lowest level  
star in the first stargroup; and

20 selecting for each requested level, a minimum of  
the requested level and a corresponding one of one or more  
dimension levels associated with the star.

3. The method of claim 1, further comprising:  
calculating the measure for the allocated levels;  
and  
calculating the control measure for the requested  
5 levels.

4. The method of claim 1, wherein determining the  
allocated levels further comprises:  
determining the allocated levels wherein no star  
10 exists which supports the measure at the requested levels.

5. The method of claim 1, wherein the control  
measure is a predetermined measure associated with the  
measure.

6. A computer readable medium for storing a  
plurality of instructions for calculating a measure, said  
plurality of instructions comprising:

receiving a request to calculate a measure, said  
20 measure associated with one or more requested levels;  
determining at least one allocated level for the  
measure;

selecting a first star from a first stargroup associated with the measure, wherein the first star supports the at least one allocation level for the measure; and

5 selecting a second star from a second stargroup associated with a control measure, wherein the second star supports the one or more requested levels.

7. The computer readable medium of claim 6, wherein  
10 the plurality of instructions comprising determining at least one allocated level further comprises:

comparing the requested levels to a lowest level star in the first stargroup; and

15 selecting for each requested level, a minimum of the requested level and a corresponding one of one or more dimension levels associated with the star.

8. The computer readable medium of claim 6, wherein the plurality of instructions further comprises:

20 calculating the measure for the allocated levels; and

calculating the control measure for the requested levels.

9. The computer readable medium of claim 6, wherein the plurality of instructions comprising determining the allocated levels further comprises:

5 determining the allocated levels wherein no star exists which supports the measure at the requested levels.

10 10. The computer readable medium of claim 6, wherein the control measure is a predetermined measure associated with the measure.